

TITLE:

Mathematics Teachers and Their Professional Development

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ABSTRACT:

This thesis is focused on *Mathematics Teachers and Their Professional Development*. The theoretical part describes the Czech system of in-service education of teachers in the context of lifelong learning. It introduces its legislative classification and describes an alternative classification. The following part offers the list of information resources, which are useful for Mathematics teachers and the list of what the current offer of further education courses for Mathematics teachers is, including selfstudying activities. The relevant links are quoted in the appendices.

The empirical part analyses, interprets and evaluates the qualitative research among Mathematics teachers, which determines their experience with in-service education/professional development, their attitudes and opinions in this field. Furthermore, this part analyses their attitudes from the constructivism in Mathematics teaching's point of view.

KEYWORDS:

Maths teacher, further/in service education of teaching staff, teacher's professional development, educational portals, the Union of Czech Mathematicians and Physicists, Maths competitions, constructivism in Maths teaching, gifted and talented pupils.